

L Number	Hits	Search Text	DB	Time stamp
4	1	(align\$6 with layer) and (adjust\$6 with location) and (metrology with mark) and (detect\$3 same topo\$6)	USPAT; US-PGPUB	2003/10/01 12:29
5	0	((align\$6 with layer) and (adjust\$6 with location) and (metrology with mark) and (detect\$3 same topo\$6)) and (detect\$3 same topo\$6 same layer)	USPAT; US-PGPUB	2003/10/01 12:30
6	0	((align\$6 with layer) and (adjust\$6 with location) and (metrology with mark) and (detect\$3 same topo\$6)) and (topo\$6 same layer)	USPAT; US-PGPUB	2003/10/01 12:47
7	0	(metrology near2 mark) same offset same (distortion near2 amount)	USPAT; US-PGPUB	2003/10/01 12:50
8	0	(metrology near2 mark) and (offset same (distortion near2 amount))	USPAT; US-PGPUB	2003/10/01 12:50
9	0	(metrology near2 mark) same (off near1 set) same (distortion near2 amount)	USPAT; US-PGPUB	2003/10/01 12:51
10	1	(metrology near2 mark) and ((off near1 set) or offset) and (distortion near2 amount)	USPAT; US-PGPUB	2003/10/01 12:54
11	0	((metrology near2 mark) and ((off near1 set) or offset) and (distortion near2 amount)) and detect\$3 and topo\$6	USPAT; US-PGPUB	2003/10/01 12:55
12	1	((metrology near2 mark) and ((off near1 set) or offset) and (distortion near2 amount)) and align\$6	USPAT; US-PGPUB	2003/10/01 13:46
13	0	(250/548 or 250/559.3 or 250/559.4 or 356/399 or 356/400 or 356/401) and align\$6 and (metrology with mark) and (detect\$3 with topo\$8) and layer	USPAT; US-PGPUB	2003/10/01 13:48
14	0	(250/548 or 250/559.3 or 250/559.4 or 356/399 or 356/400 or 356/401) and align\$6 and (metrology with mark) and (adjust\$6 with location) and layer	USPAT; US-PGPUB	2003/10/01 14:08
15	1	(250/548 or 250/559.3 or 250/559.4 or 356/399 or 356/400 or 356/401) and align\$6 and (metrology with mark) and (adjust\$6 with location)	USPAT; US-PGPUB	2003/10/01 14:26
16	1	"4583298".PN.	USPAT	2003/10/01 14:08
17	2	(702/\$.ccls. or 250/\$.ccls. or 356/\$.ccls.) and align\$6 and (metrology with mark) and (adjust\$6 with location) and layer	USPAT; US-PGPUB	2003/10/01 14:15
18	1	((702/\$.ccls. or 250/\$.ccls. or 356/\$.ccls.) and align\$6 and (metrology with mark) and (adjust\$6 with location) and layer) and topo\$6	USPAT; US-PGPUB	2003/10/01 14:15
19	306	(250/548 or 250/559.3 or 250/559.4 or 356/399 or 356/400 or 356/401) and align\$6 and (adjust\$6 with location)	USPAT; US-PGPUB	2003/10/01 14:41
20	1	((250/548 or 250/559.3 or 250/559.4 or 356/399 or 356/400 or 356/401) and align\$6 and (adjust\$6 with location)) and (detect\$3 with topology)	USPAT; US-PGPUB	2003/10/01 14:26
21	19	(250/548 or 250/559.3 or 250/559.4 or 356/399 or 356/400 or 356/401) and (align\$6 with layer) and (position with pattern) and (layer with planar\$6)	USPAT; US-PGPUB	2003/10/01 14:47
22	2	(250/548 or 250/559.3 or 250/559.4 or 356/399 or 356/400 or 356/401) and (fabrication with layer) and (layer with pattern\$3) and (topology with layer)	USPAT; US-PGPUB	2003/10/01 15:01
23	0	(250/548 or 250/559.3 or 250/559.4 or 356/399 or 356/400 or 356/401) and (mask with align\$4) and (topology with layer) and (apparent with position)	USPAT; US-PGPUB	2003/10/01 15:03

24	0	(250/548 or 250/559.3 or 250/559.4 or 356/399 or 356/400 or 356/401) and (mask with align\$4) and (topology with layer) and (distortion with amount)	USPAT; US-PGPUB	2003/10/01 15:03
-	0	(alignment with method) and (detect\$3 with topology with layer)	USPAT; US-PGPUB	2003/09/29 15:20
-	34	detect\$3 with topology with layer	USPAT; US-PGPUB	2003/09/30 17:17
-	0	(detect\$3 with topology with layer) and (apparent with location)	USPAT; US-PGPUB	2003/09/29 15:21
-	1	(apparent with location) and (metrology with mark)	USPAT; US-PGPUB	2003/09/29 15:22
-	1	((apparent with location) and (metrology with mark)) and adjust\$3	USPAT; US-PGPUB	2003/09/29 15:22
-	0	((((apparent with location) and (metrology with mark)) and adjust\$3) and align\$6) and layer	USPAT; US-PGPUB	2003/09/29 15:23
-	1	((apparent with location) and (metrology with mark)) and adjust\$3) and align\$6	USPAT; US-PGPUB	2003/09/29 15:28
-	0	(detect\$3 with topology with layer) and (align\$6 with layer)	USPAT; US-PGPUB	2003/09/29 15:30
-	50867	align\$6 with layer	USPAT; US-PGPUB	2003/09/29 15:35
-	1	(align\$6 with layer) and (adjust\$6 with location) and (metrology with mark)	USPAT; US-PGPUB	2003/10/01 12:25
-	0	(detect\$3 with topology with layer) and (metrology with mark)	USPAT; US-PGPUB	2003/09/29 15:37
-	0	(detect\$3 with topology with layer) and (align\$6 with layer)	USPAT; US-PGPUB	2003/09/29 15:37
-	361	(align\$6 with layer) and (topology with layer)	USPAT; US-PGPUB	2003/09/29 15:37
-	0	((align\$6 with layer) and (topology with layer)) and (metrology with mark)	USPAT; US-PGPUB	2003/09/29 15:38
-	0	(detect\$3 with topology with layer) and (atomic with force with microscopy)	USPAT; US-PGPUB	2003/09/30 17:18
-	0	(detect\$3 with topology with layer) and (atomic with microscopy)	USPAT; US-PGPUB	2003/09/30 17:18
-	1	(detect\$3 with topology with layer) and (atomic with force)	USPAT; US-PGPUB	2003/09/30 18:23
-	11	(detect\$3 with topology) and (atomic with force with microscope)	USPAT; US-PGPUB	2003/09/30 19:32
-	0	((detect\$3 with topology) and (atomic with force with microscope)) and (metrology with mark)	USPAT; US-PGPUB	2003/09/30 18:28
-	0	((detect\$3 with topology) and (atomic with force with microscope)) and layer and (align\$6 with layer)	USPAT; US-PGPUB	2003/09/30 18:27
-	0	((detect\$3 with topology) and (atomic with force with microscope)) and (align\$6 with layer)	USPAT; US-PGPUB	2003/09/30 18:29
-	19	(detect\$3 with topolog\$6) and (atomic with force with microscope)	USPAT; US-PGPUB	2003/09/30 18:47
-	0	((detect\$3 with topolog\$6) and (atomic with force with microscope)) and (metrology with mark)	USPAT; US-PGPUB	2003/09/30 18:28
-	0	((detect\$3 with topolog\$6) and (atomic with force with microscope)) and (align\$6 with layer)	USPAT; US-PGPUB	2003/09/30 18:37
-	2	("5206820" "5014413").pn.	USPAT; US-PGPUB	2003/09/30 18:33
-	3	((detect\$3 with topolog\$6) and (atomic with force with microscope)) and align\$6 and layer	USPAT; US-PGPUB	2003/09/30 18:38
-	1	((detect\$3 with topolog\$6) and (atomic with force with microscope)) and align\$6 and layer) and distortion	USPAT; US-PGPUB	2003/09/30 18:41
-	2	((detect\$3 with topolog\$6) and (atomic with force with microscope)) and align\$6 and layer) and detector	USPAT; US-PGPUB	2003/09/30 18:41

-	2	(((((detect\$3 with topolog\$6) and (atomic with force with microscope)) and align\$6 and layer) and detector) and mask	USPAT; US-PGPUB	2003/09/30 19:29
-	0	(702/\$.ccls. or 250/\$.ccls.) and topolog\$3 and layer and align\$6 and metrology and mark and (adjust\$6 with location)	USPAT; US-PGPUB	2003/09/30 18:46
-	1	topolog\$3 and layer and align\$6 and metrology and mark and (adjust\$6 with location)	USPAT; US-PGPUB	2003/09/30 18:46
-	1	{topolog\$3 and layer and align\$6 and metrology and mark and (adjust\$6 with location)) and (atomic with force with microscope)	USPAT; US-PGPUB	2003/09/30 18:47
-	0	(align\$6 with layer) and (adjust\$6 with location) and (metrology with mark) and (detect\$6 with topolog\$5)	USPAT; US-PGPUB	2003/09/30 19:23
-	0	(align\$6 with layer) and (adjust\$6 with location) and (metrology with mark) and (detect\$6 same topolog\$5)	USPAT; US-PGPUB	2003/09/30 19:23
-	0	(planariz\$5 with layer) and (topolog\$5 with align\$4) and vertical and horizontal and AFM and trench	USPAT; US-PGPUB	2003/09/30 19:32
-	0	(planariz\$5 with layer) and (topolog\$5 with align\$4) and vertical and horizontal and AFM	USPAT; US-PGPUB	2003/09/30 19:32
-	14	(planariz\$5 with layer) and (topolog\$5 with align\$4) and vertical and horizontal	USPAT; US-PGPUB	2003/09/30 19:33
-	0	((planariz\$5 with layer) and (topolog\$5 with align\$4) and vertical and horizontal) and (atomic with force with microscope)	USPAT; US-PGPUB	2003/09/30 19:32
-	4	((planariz\$5 with layer) and (topolog\$5 with align\$4) and vertical and horizontal) and (horizontal with shift)	USPAT; US-PGPUB	2003/09/30 19:33